

**Michigan State University, College of Agriculture & Natural Resources
Department of Fisheries & Wildlife, Center for Systems Integration & Sustainability**

**Quantitative Fishery Behavioral Ecologist
Director of the Great Lakes Acoustic Telemetry Observation System (GLATOS)**

**Assistant/Associate Professor
5-Year Renewable Fixed-Term Position**

Responsibilities:

To provide scientific leadership for a field-based research program that investigates movement behavior and dynamics of Great Lakes fishes in relation to fishery ecology and management. In addition to conducting their own research program, the successful candidate will lead and serve as director of the Great Lakes Acoustic Telemetry Observation System (GLATOS; <http://glatos.glos.us/>), a basin-wide network of scientists who use telemetry to advance and improve conservation and management of Great Lakes fishes by providing information on: behavior, habitat use, and population dynamics. In addition, the successful candidate will help the transfer of GLATOS research results to management agencies and the public working closely with the Michigan Sea Grant (MSG) Program, Michigan State University Extension (MSUE), and their partners. This person's research program will be conducted in close collaboration with researchers and staff associated with the Great Lakes Fishery Commission (GLFC) and at the U.S. Geological Survey (USGS) Great Lakes Science Center's (GLSC) Hammond Bay Biological Station (HBBS) and consist of a mix of graduate students and post-doctoral research associates. In addition, the position requires teaching one course every other year on a topic to be determined collaboratively with the teaching faculty in the Department of Fisheries and Wildlife. Expectations for the individual who occupies this position include the ability to obtain external grant and contract funding resulting in excellent research productivity combined with effective outreach to our partners, and meaningful teaching and mentoring activities. The successful candidate will be a faculty member associated with the Partnership for Ecosystem Research and Management (PERM) within the Department of Fisheries and Wildlife. The individual will be expected to collaborate, as appropriate, with the faculty, staff, and students in the Center for Systems Integration and Sustainability (CSIS), the Quantitative Fisheries Center (QFC), and the Landscape Ecology Laboratory, as appropriate. Salary will be commensurate with background and experience.

This position is a fixed-term appointment at the Assistant/Associate Professor level with an initial term of five years and with the potential for renewals of additional five-year terms based on productivity of the individual and funding availability.

Minimum Qualifications:

PhD required in one of the fields listed: ecology, behavioral science, fishery science, or related discipline; and must have a history of success in producing peer-reviewed publications and the ability to obtain competitive external funding for their research program. Qualified candidates must be able to demonstrate expertise in whole-animal behavioral research, field experimental design, statistical analysis of behavioral data, and be able to analyze data using command line scripting language (R, python). The candidate also must be able to provide administrative leadership to GLATOS including strategic goal setting, personnel management, and budgetary decision making.

Instructions for Application:

On the MSU Public Job Postings site (<http://careers.msu.edu/cw/en-us/listing/>) search for Job #526378 and submit an application that has the following information:

A letter of application describing your background match with the job description
Vision Statement regarding goals in Research & Extension
Curriculum Vitae
Names and contact information of 3 professional references

Review of applications will begin Tuesday, September 25, 2018 and continue until a suitable candidate is identified.

For additional information, interested individuals can contact the Fishery Ecologist Search Committee Chair:

Dr. William W. Taylor, University Distinguished Professor in Global Fisheries Systems
Center for Systems Integration & Sustainability (CSIS)
Michigan State University (MSU)
1405 S. Harrison Rd., 115 Manly Miles Bldg.
East Lansing, MI 48823
(taylorw@msu.edu)

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